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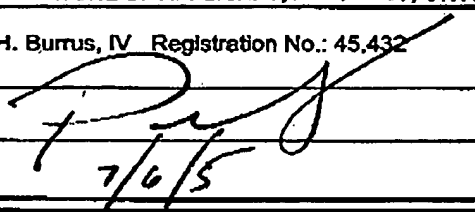
JUL 08 2005

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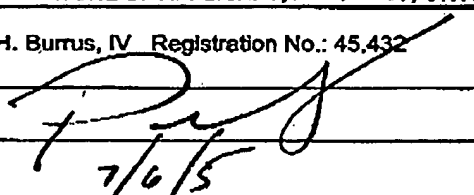
Approved for use through 09/30/2000. OMB 0851-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/730,691	
	Filing Date	DEC 6, 2000	
	First Named Inventor	HERMANN	
	Group Art Unit	2836	
	Examiner Name	JACKSON	
Total Number of Pages in This Submission	11	Attorney Docket Number	EN11021

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): • COPY AMENDMENT SENT DEC10, 2004 • FAX CONFIRMATION • AUTO-REPLY FAX
Remarks: sent via fax to 703-872-9306 on 7-8-05 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Philip H. Burrus, IV Registration No.: 45,432
Signature	
Date	7/6/05

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PETITION ROUTING SLIP

(Find the petition from the list and check the box in the heading above the petition)

Complete If Known

Application Number	09/730,691
Filing Date	Dec. 6, 2000
First Named Inventor	HERMANN
Group Art Unit	2836
Examiner Name	JACKSON
Attorney Docket Number	EN11021

☒ PETITIONS DECIDED BY PETITIONS OFFICE

- | | |
|---|---|
| <p>801 Relating to Public Use Proceedings (37 CFR 1.292)</p> <p>802 To make application special - prospective manufacture (37 CFR 1.102, MPEP 708.02)</p> <p>803 To make special - infringement (37 CFR 1.102, MPEP 708.02)</p> <p>804 Relating to the Filing/Issuance of Divisional Reissue (37 CFR 1.177)</p> <p>805 To waive or suspend rules (37 CFR 1.183)</p> <p>806 To expunge a paper from patent application or patent file (37 CFR 1.56)</p> <p>807 Withdrawal of Attorney (37 CFR 1.56)</p> <p>808 For access to application except re proceedings before Board (37 CFR 1.14, MPEP 703.104)</p> <p>809 Relating to Small Entity (37 CFR 1.28)</p> <p>810 Relating to reexamination (37 CFR 1.181-1.183)</p> <p>811 For correction of inventorship for applications - no filing date (37 CFR 1.48)</p> <p>812 For correction of inventorship re PCT applications (37 CFR 1.48)</p> <p>813 For filing application without one or more inventors (37 CFR 1.47)</p> <p>814 For filing PCT application without one or more inventors (37 CFR 1.47)</p> <p>815 For extension of time without fee in cases in Application Division (37 CFR 1.136(b))</p> <p>816 For matters before A/C for Patents - not specified</p> <p>817 Relating to a filing date under 35 USC 111b, 37 CFR 1.53</p> <p>818 Filing date for application filed by Express Mail (37 CFR 1.10)</p> <p>819 Filing date for lost application</p> <p>820 To revive an abandoned application - unavoidable delay (37 CFR 1.137(a))</p> <p>821 To revive an abandoned application - unintentional abandonment (37 CFR 1.137(b))</p> | <p>822 To waive/suspend rules (37 CFR 1.183)</p> <p>823 To invoke supervisory authority - re patent examining operations (37 CFR 1.181)</p> <p>824 To withdraw from issue after payment of issue fee (37 CFR 1.313(b)(1-4))</p> <p>825 To withdraw from issue after payment of issue fee (37 CFR 1.313(b)) or abandon application in favor of continuing application</p> <p>826 To enter priority papers after issue Fee payment (37 CFR 1.56(a))</p> <p>827 To defer issuance of patent (37 CFR 1.514)</p> <p>828 To invoke supervisory authority - re Office of Admin. (37 CFR 1.181)</p> <p>829 To waive/suspend rules re patent matters in Office of Admin. (37 CFR 1.183)</p> <p>830 To decide matters before Deputy A/C for Patents under 37 CFR 1.182</p> <p>831 To review refusal to accept & record maintenance fee - application filed on or after 8/27/82 (37 CFR 1.377)</p> <p>832 To issue patent in the name of the Assignee (37 CFR 1.334(c))</p> <p>833 To withdraw a holding of abandonment (37 CFR 1.181)</p> <p>834 To order a Commissioner-Initiated Reexamination proceeding (37 CFR 1.520)</p> <p>835 To convert Provisional Application</p> <p>836 To reinstate abandoned Provisional Application</p> <p>837 PCT petition-unavoidable</p> <p>838 PCT petition-unintentional</p> <p>839 To accept unavoidably delayed payment of maintenance fee (37 CFR 1.378 (b))</p> <p>840 To accept unintentionally delayed payment of maintenance fee (37 CFR 1.378 (c))</p> <p>841 Petitions related to reexamination proceedings</p> <p>842 For matters before the Deputy A/C for Patents - not specified</p> |
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☐ PETITIONS DECIDED BY THE GROUP DIRECTOR

- | | |
|--|--|
| <p>801 To make application special on ground of age or health (37 CFR 1.102, MPEP 708.02)</p> <p>802 To make special - continuity of earlier application (37 CFR 1.102, MPEP 708.02)</p> <p>803 To make special - environment quality program (37 CFR 1.102, MPEP 708.02)</p> <p>804 To make special - accelerated examination (37 CFR 1.102, MPEP 708.02)</p> <p>805 To make special - Energy Program (37 CFR 1.102, MPEP 708.02)</p> <p>806 To make special - Recombinant DNA (37 CFR 1.102, MPEP 708.02)</p> <p>807 To make special for reasons not provided for in codes 801-806 (37 CFR 1.102, MPEP 708.02)</p> <p>808 To reopen prosecution after Board decision (37 CFR 1.188)</p> <p>809 For review of final restriction requirement (37 CFR 1.144)</p> <p>810 Invoking Authority of Commissioner under 37 CFR 1.181 not specified in codes</p> <p>811 Relating to the premises/venues of final rejection (37 CFR 1.181, MPEP 708.07(c))</p> <p>812 Relating to the refusal to enter an amendment (37 CFR 1.181 & 1.127, MPEP 714.19)</p> <p>813 To withdraw a holding of abandonment (37 CFR 1.137, MPEP 711.03)</p> <p>814 Relating to a requirement to cancel new matter from application (37 CFR 1.181, MPEP 608.04(c))</p> <p>815 Relating to formal sufficiency/propriety of drawings (37 CFR 1.131, 1.132, 1.604, MPEP 718.07)</p> <p>816 To institute an interference (37 CFR 1.606)</p> <p>817 Relating to refusal to enter an amendment under 37 CFR 1.312</p> | <p>818 For concurrent Ex parte and Inter parte proceedings (37 CFR 1.212)</p> <p>819 For return of original oath of patent application (MPEP 604.04(a))</p> <p>820 For extension of time (37 CFR 1.136(b))</p> <p>821 For interview after Notice of Allowance mailed (MPEP 713.10)</p> <p>822 Concerning appeal application before transfer of jurisdiction to Board (MPEP 1206)</p> <p>823 For second or subsequent suspension of action (37 CFR 1.103, MPEP 709)</p> <p>824 To reinstate Appeals dismissed in Group</p> <p>825 From denial of reexamination request (37 CFR 616(c))</p> <p>826 To enter an amendment after payment of issue fee (37 CFR 1.312(b))</p> <p>827 From refusal to issue a Certificate of Correction (37 CFR 1.181, MPEP 1480-1485)</p> <p>828 For withdrawal of attorney from application pending in group (37 CFR 1.35)</p> <p>829 For extension of time in a reexamination (37 CFR 1.556(c))</p> <p>830 To merge multiple reexamination proceedings (37 CFR 1.556(c), MPEP 2283)</p> <p>831 To effect a second conversion of inventorship (37 CFR 1.48, MPEP 201.03)</p> <p>832 Superconductivity</p> <p>833 To cancel inventorship in a patent not in interference (37 CFR 1.324, MPEP 1481)</p> <p>834 To change inventorship in an application (37 CFR 1.48)</p> <p>835 To change inventorship in a patent (37 CFR 1.48)</p> <p>836 To withdraw from issue before payment of an issue fee (37 CFR 1.313(a))</p> <p>837 For matters before Group Director - not specified</p> |
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☐ PETITIONS DECIDED BY BOARD OF PATENT APPEALS AND INTERFERENCES

- | | |
|--|--|
| <p>701 To exercise supervisory authority re action by examiner/examiner-in-chief (37 CFR 1.644)</p> <p>702 To accept belatedly filed copies of interference settlement agreements (35 USC 135(c), 37 CFR 1.658(c))</p> <p>703 For withdrawal of attorney in proceeding under 37 CFR 1.201 - 1.288 (37 CFR 1.26)</p> <p>704 For access to a settlement agreement under 35 USC 135(c) (37 CFR 1.656(b))</p> <p>705 For access to an application in proceedings before the Board (37 CFR 1.14(a))</p> <p>706 From a refusal to issue a Certificate of Correction (37 CFR 1.322, 1.323)</p> <p>707 To correct errors in inventorship (37 CFR 1.324)</p> <p>708 For extension of time to file amendment under 37 CFR 1.198(b) (37 CFR 1.136)</p> <p>709 To make an application before the Board special (37 CFR 1.102)</p> <p>710 For extension of time to file supplemental Reply Brief (37 CFR 1.136)</p> | <p>711 To assign particular members to hearing or to request augmented panel (35 USC 7)</p> <p>712 To decide miscellaneous questions in proceedings under 37 CFR 1.601-1.658</p> <p>713 To accept priority papers in applications in interference (37 CFR 1.644)</p> <p>714 To reinstate an Appeal</p> <p>715 For matters before Chairman of Board - not specified</p> <p>801 To make an application before the Board special (37 CFR 1.102)</p> <p>802 To reinstate an Appeal</p> <p>803 To extend time/suspend proceedings (37 CFR 1.198, 1.197, 1.304)</p> <p>804 For extension of time to file supplemental Reply Brief (37 CFR 1.136)</p> <p>805 To accept late request for an Oral Hearing (37 CFR 1.136)</p> <p>806 For matters before the Clerk of the Board - not specified</p> |
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☐ PETITIONS DECIDED BY SPECIAL LAWS (SECURITY AND GOVERNMENT INTEREST MATTERS)

- | | |
|---|---|
| <p>901 Under 42 USC 2182</p> <p>902 Under 42 USC 2457</p> <p>903 Under 35 USC 184</p> | <p>904 Under 35 USC 287</p> <p>905 To consider/review security or Governmental interest matters - not specified</p> |
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☐ PETITIONS DECIDED BY THE SOLICITOR

- | | |
|---|---|
| <p>851 Petitions for extension of time in court matters 35 USC 142, 145, 148</p> <p>852 Petitions relating to ex parte questions in cases before the Court of Appeals for the Federal Circuit</p> | <p>853 Requests filed under the Freedom of Information Act</p> <p>854 Not specified</p> |
|---|---|

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JUL 08 2005

U.S.S.N. 09/730,691

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 09/730,691
Examiner: Jackson, Stephen
Art Group: 2836
Reference No.: EN11021
Appn. Filed: December 6, 2000
Applicants: Herrmann, John

Title: Intelligent Power Supply and Cable System

July 7, 2005

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313

Petition to Withdraw Holding of Abandonment Under 37 CFR §1.181

Sir:

Applicants hereby petition for a withdrawal of the holding of abandonment per 37 C.F.R. § 1.181(a) for the application indicated above. As this petition is filed within 2 months from the notice of abandonment, no terminal disclaimer has been included.

On June 23, 2005, a Notice of Abandonment was mailed to Applicants for this case. The Notice of Abandonment indicated that the file was abandoned due to Applicant's failure to timely respond to an Office Action mailed October 4, 2004.

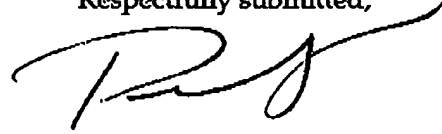
Applicants respectfully request that the holding of Abandonment be withdrawn for the following reason: Applicants timely submitted an Amendment and Response to the Office Action on December 10, 2004 via facsimile to 703-872-9306, which was within the three month time limit for response set forth in the Office Action. Applicants include herein a copy of the amendment, as well as the transmittal having a certificate of transmission attached thereto, the facsimile confirmation sheet indicating successful transmission, and the auto-reply facsimile transmission from the USPTO.

U.S.S.N. 09/730,691

CONCLUSION

As the Amendment/Reply was successfully transmitted via facsimile to the USPTO prior to the three month time limit, Applicants respectfully request that the Notice of Abandonment be withdrawn.

Respectfully submitted,



Philip H. Burrus, IV
Attorney for Applicants
Registration No. 45,432
770-338-3614 (fax 3557)

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office, fax number 703-872-9306 on July 8, 2005.

Printed Name: Rebecca Padilla

Signed Name: [Signature]

Enclosures:

- Copy of Amendment transmitted on December 10, 2004
- Facsimile confirmation sheet indicating successful transmission to 703-872-9306
- Auto-Rcply Facsimile Transmission from the USPTO

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<p>TRANSMITTAL FORM</p> <p>(in the number of correspondence sheets being)</p>		<p>Application Number 09/730,621</p> <p>Filing Date Dec 6, 2000</p> <p>First Named Inventor HERDMAN</p> <p>Group Art Unit 2536</p> <p>Examiner Name JACKSON</p> <p>Attorney Serial Number EN11021</p>	
<p>Total Number of Pages in This Submission 5</p>		<p>REMARKS (check all that apply)</p> <p><input type="checkbox"/> Fee Transmittal Form</p> <p><input type="checkbox"/> Fee Adjudged</p> <p><input checked="" type="checkbox"/> Amendment/Response</p> <p><input type="checkbox"/> After Final</p> <p><input type="checkbox"/> Appeal/Reconsideration</p> <p><input type="checkbox"/> Extension of Time Request</p> <p><input type="checkbox"/> Express Amendment Request</p> <p><input type="checkbox"/> Information Disclosure Statement</p> <p><input type="checkbox"/> Certified Copy of Priority Document(s)</p> <p><input type="checkbox"/> Response to MPEP Part I/Incomplete Application</p> <p><input type="checkbox"/> Response to MPEP Part II/Officer's Action</p> <p><input type="checkbox"/> Assignment Papers (For All Applicants)</p> <p><input type="checkbox"/> Drawings</p> <p><input type="checkbox"/> Unpublished Papers</p> <p><input type="checkbox"/> Written Briefing Note (Providing and Appending)</p> <p><input type="checkbox"/> Petition to Convert to a Provisional Application</p> <p><input type="checkbox"/> Power of Attorney, Declaration of Inventorship</p> <p><input type="checkbox"/> Verified Declaration</p> <p><input type="checkbox"/> Civil Cover Sheet</p> <p><input type="checkbox"/> Request for Referral</p> <p><input type="checkbox"/> Other Applicable Correspondence to Group</p> <p><input type="checkbox"/> Appeal Communication to Board of Appeals and Reconsideration</p> <p><input type="checkbox"/> Appeal Communication to Group (Examination, not prior art)</p> <p><input type="checkbox"/> Proprietary Information</p> <p><input type="checkbox"/> Status Letter</p> <p><input type="checkbox"/> Additional Document(s) (please identify below)</p>	
<p>Signature of Applicant, Attorney, or Agent</p> <p>Phil H. Burpee, IV Registration No. 40,622</p> <p>Signature <i>[Signature]</i></p> <p>Date 12/10/2004</p>		<p>REMARKS</p> <p>Send to 770-338-3557 on Dec 10, 2004.</p> <p><i>[Signature]</i></p>	
<p>CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service on Dec 10, 2004 at Washington, D.C.</p> <p>Typed registered name _____ Date _____</p> <p>Signature _____ Date _____</p>			

PAGE 05 * RCVD AT 07/08/2005 1:22:08 PM [Eastern Daylight Time] * SVR:USPTO-EFAXF-1/3 * DNIS:8729306 * CSID:770 338 3557 * DURATION (mm-ss):03-40

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 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number

09/730,621

Filing Date

DEC 6, 2000

First Named Inventor

HERLMANN

Group Art Unit

2836

Examiner Name

JACKSON

Total Number of Pages in This Submission

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Attorney Docket Number

EN11021

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form☐ Fee Attached☒ Amendment / Response☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/Incomplete Application☐ Response to Missing Parts under 37 CFR 1.62 or 1.63☐ Assignment Papers (for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition Routing Slip (PTO/SB/89) and Accompanying Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Small Entity Statement☐ Request for Refund☐ After Allowance Communication to Group☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to Group (Appeal Motion, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☐ Additional Enclosure(s) (please identify below):

Remarks

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 on DEC 10, 2004.



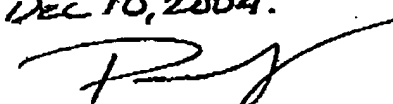
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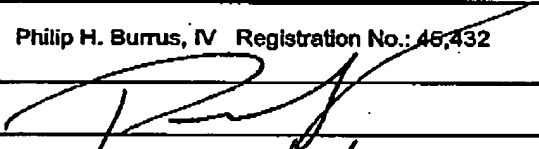
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	First Named Inventor	HERLMANN	
	Group Art Unit	2836	
	Examiner Name	JACKSON	
Total Number of Pages in This Submission	5	Attorney Docket Number	EN11021

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Remarks: faxed to 903-872-9306 on DEC 10, 2004. 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Philip H. Burrus, IV Registration No.: 46,432
Signature	
Date	12/10/2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name			
Signature		Date	

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U.S.S.N. 09/730,691

JUL 08 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/730,621
Examiner: Jackson, Stephen
Art Group: 2836
Reference No.: EN11021
Appn. Filed: December 6, 2000
Applicants: Herrmann, John

Title: Intelligent Power Supply and Cable System

December 10, 2004

Commissioner for Patents
P.O. Box 1450, Arlington, Virginia 22313-1450
Box: Amendment

Sir:

This amendment is in response to an Office Action mailed October 5, 2004, a response thereto being due on or before January 5, 2004. In view of the remarks herein, Applicants respectfully request reconsideration of the above-identified patent application. The Commissioner is hereby authorized to charge any necessary fees, including fees for extensions of time, to Deposit Account Number 50-2117.

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office, fax number 703-872-9206 on Dec 10, 2004.

Printed Name: Theresa L. Burrows IV

Signed Name: [Signature]

U.S.S.N. 09/730,691

CLAIMS:

Please amend the claims as follows:

- 1) (Currently Amended) An intelligent power system, comprising:
 - a. a power supply having a control circuit; and
 - b. a cable having a memory device; and
 - c. a device specific connector for mating to a host device;wherein the memory device has stored therein predetermined power requirements.
- 2) (Canceled) ~~The system of claim 1, further comprising a device specific connector for mating to a host device.~~
- 3) (Currently Amended) The system of claim ~~[[2]]~~ 1, further comprising a universal connector.
- 4) (Original) The system of claim 3, further comprising a protection circuit.
- 5) (Original) The system of claim 4, wherein the predetermined power requirements are selected from the group consisting of a voltage limit and a current limit.
- 6) (Original) The system of claim 3, further comprising a power conversion circuit.
- 7) (Original) The system of claim 6, wherein the power conversion circuit is selected from the group consisting of fly back regulator, a step-down, or "buck", regulator, a step-up regulator, a buck-boost regulator, and a resonant regulator.
- 8) (Currently Amended) The device of claim ~~[[8]]~~ 7, wherein the memory device is an EPROM.

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REMARKS – General**Claim Objections:**

The Office Action (OA) objects to claim 8, as it depends from itself. Applicant notes that due to an inadvertent, Microsoft “auto format” text change, the claim, which should have depended from claim 7, depended from claim 8. Applicant has corrected this inadvertent typographical error by amendment.

Claim Rejections:

The OA rejects claims 1-7 under 35 USC §103(a) as being unpatentable over Potega, US Pat. No. 6,459,175. Specifically, the OA submits that Potega teaches “...a power supply that detects the power requirements of an electrical device and configures itself to provide the correct power to the device.” The OA notes that Potega fails to teach a memory in the cable, but asserts that it would be obvious to move a memory located in the battery into the cable.

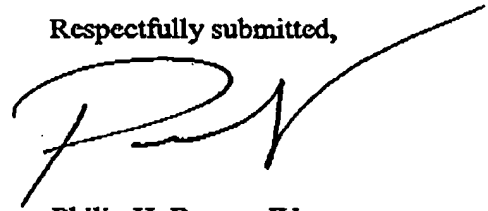
Applicant has amended claim 1 to recite the limitations of claim 2. Support for the amendment is found in claim 2 as originally filed. Applicant respectfully submits that Potega fails to teach a device specific connector for coupling to a host device. Quite to the contrary, Potega teaches a cable that is fixed at one end to the power supply, and which has a “universal connector” at the other end. Sec, e.g., col. 14, lines 24-29 and col. 48, lines 2-9. As Potega fails to teach all of Applicant’s claimed limitations, Applicant respectfully submits that the §103 rejection is overcome. Applicant respectfully requests reconsideration of the claims in light of the amendment and these comments.

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CONCLUSION

For the above reasons, Applicants believe the specification and claims are now in proper form, and that the claims all define patentably over the prior art. Applicants believe this application is now in condition for allowance, for which they respectfully submit.

Respectfully submitted,



Philip H. Burrus, IV
Attorney for Applicants
Registration No.: 45,432
770-338-3614 (fax 3557)